

L Number	Hits	Search Text	DB	Time stamp
1	7689	valid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:56
2	1286	invalid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:03
3	2226	(dirty or modified) adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
4	3264	mark\$3 near3 (dirty or modified)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
5	1974	mark\$3 near3 valid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
6	1961	mark\$3 near3 invalid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
7	3469580	fill\$3 or load\$3 or refill\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
8	89325	(fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:05
9	142638	(fill\$3 or load\$3 or refill\$3) same (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:05
12	15780	(miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:43
13	456	((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:06
14	99	((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:07
15	1456	(page or segment) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:07

17	38	(page or segment) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07
10	16	((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07
11	9	((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:11
16	79	(page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:18
18	2704	(miss\$3 or mis-hit) near2 (page or segment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
19	9	((fill\$3 or load\$3 or refill\$3) same (disk or dasd or disc)) same ((miss\$3 or mis-hit) near2 (page or segment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
20	80	((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
21	17	((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
22	40	cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
23	12	cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
25	5	((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) not (cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48

24	40	((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
26	39743	dma or (direct adj memory adj access\$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:49
27	33	(dma or (direct adj memory adj access\$3) or dmac) same ((miss\$3 or mis-hit) near2 (page or segment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
28	0	((dma or (direct adj memory adj access\$3) or dmac) same ((miss\$3 or mis-hit) near2 (page or segment))) and (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
29	16	(dma or (direct adj memory adj access\$3) or dmac) and (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:51

30	24	(((((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))))) not ((dma or (direct adj memory adj access\$3) or dmac) and (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))))) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore) ) or (invalid\$3 adj (bit or indicator or flag or semaphore) ) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:55
31	4104	((dma or (direct adj memory adj access\$3) or dmac) near5 (mark\$3 or set or setting or clear or reset or update)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:56
32	960	((dma or (direct adj memory adj access\$3) or dmac) near5 (mark\$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:56
35	5	modified with (((dma or (direct adj memory adj access\$3) or dmac) near5 (mark\$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:57
34	19	dirty with (((dma or (direct adj memory adj access\$3) or dmac) near5 (mark\$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:58
33	73	(valid\$3 or invalid\$3) with (((dma or (direct adj memory adj access\$3) or dmac) near5 (mark\$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 16:00

L Number	Hits	Search Text	DB	Time stamp
1	6750	valid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
2	1130	invalid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
3	1992	(dirty or modified) adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
4	3262	mark\$3 near3 (dirty or modified)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
5	1974	mark\$3 near3 valid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
6	1961	mark\$3 near3 invalid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
7	39743	dma or (direct adj memory adj access\$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:11
8	75956	cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:15
9	131	((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17
10	87	cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:16
12	51	((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:16
13	37	((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17
15	0	((mark\$3 near3 (dirty or modified)) and (mark\$3 near3 valid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:18
16	1	((mark\$3 near3 (dirty or modified)) and (mark\$3 near3 valid\$3)) same (dma or (direct adj memory adj access\$3) or dmac))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17

11	44	((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:18
14	14	((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) not (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:23
17	9	((mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:27
18	13	((mark\$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:29
19	376	((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) and (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:30
20	1039	((valid\$3 or invalid\$3) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:32
21	775	((dirty or modified) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31
22	95	((valid\$3 or invalid\$3) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3 and (((dirty or modified) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31

23	64	(((valid\$3 or invalid\$3) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) and (((dirty or modified) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3)) not (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac))) or (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) not (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3) or (((mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or (((mark\$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31
24	172	((mark\$3 or indicat\$3) near5 (valid\$3 or invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:32
25	29	((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:33
26	2	((mark\$3 or indicat\$3) near5 (valid\$3 or invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) and (((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:33
28	14	((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) not (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac))) or (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) not (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3) or (((mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or (((mark\$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:34

27	136	(((mark\$3 or indicat\$3) near5 (valid\$3 or invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) not (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)))) or (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) not (((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3)) or (((mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or (((mark\$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:35
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